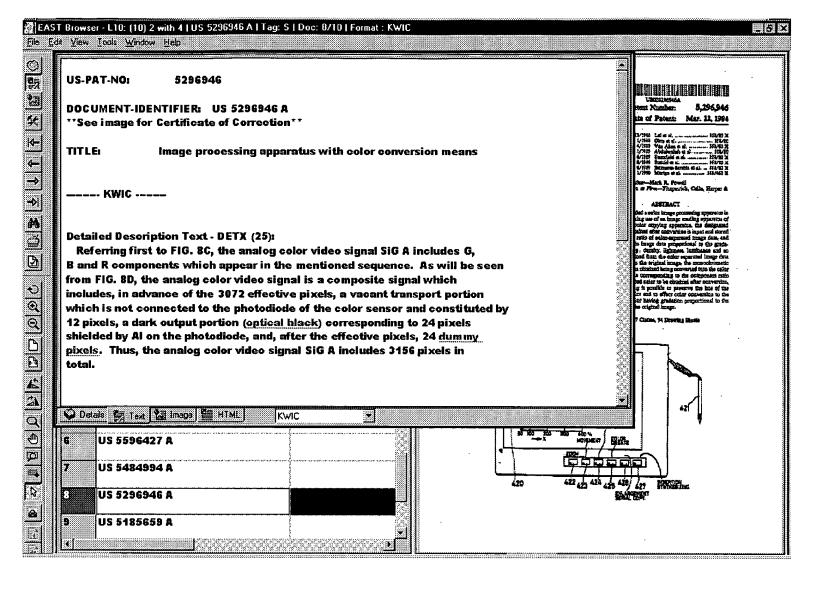


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US 5596427 A

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Detailed Description Text - DETX (20):

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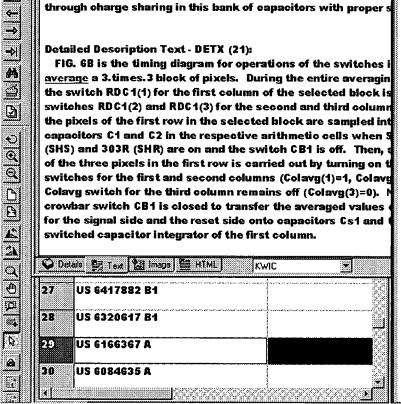
4

K-

A selected block of pixels is averaged in two steps. First, im values in a given row of the selected block are averaged. Seco values of different rows in the selected block are averaged to p average value for the entire selected block. The block averagi through charge sharing in this bank of capacitors with proper s

Detailed Description Text - DETX (21):

FIG. 6B is the timing diagram for operations of the switches i average a 3.times.3 block of pixels. During the entire averagin the switch RDC1(1) for the first column of the selected block is switches RDC1(2) and RDC1(3) for the second and third column the pixels of the first row in the selected block are sampled int capacitors C1 and C2 in the respective arithmetic cells when 5 (SHS) and 303R (SHR) are on and the switch CB1 is off. Then, of the three pixels in the first row is carried out by turning on t switches for the first and second columns (Colavg(1)=1, Colavg Colavg switch for the third column remains off (Colavg(3)=0). crowbar switch CB1 is closed to transfer the averaged values for the signal side and the reset side onto capacitors Cs1 and switched capacitor integrator of the first column.



United States Patent 135

Ch	0	[47] Date of Patent: Dec. 16, 2000
:sai	PROGRAMMABLE ANALOG ABITHMETK	SELLTS COM Bain and SECOLO
	CIRCUIT FOR DIAGNO SENSOR	STELEN STONE FRANCISCO DE LA SECULIA S
75	Streets: Eweng-Bu (Austin) Cho, Los Angele Catel	6 5,533,555 \$4350 Person
Cal	Assignor: Patriobili Corporation, Patericza, Cal	6.01217 2270 Tenne 4 6
21	Apd. No.: 80277417	(187.979 14200 Relates)
(32)	Finds Mar. 35, 1939	FOR PATERNA DOLLARY STORES
1601	Related U.S. Application State Provisions anniverses for ACCUTATION No. 25, 1894.	MARIE SAME WING

	CARCI	NO. 50, 1947	
		labond U.S. Application Data	26,4
(00)	Providence:	AC 800034 200 JOD . 60 077,712, 76A, 25, 1794;	
51	Int. Cl.	HOLL TOWN	Priva
		280 300.1: 346.254, 346.302; 346.054, 341.435	Assist.
5	Their of	Sterch	5
• •		548,7290, 254, 303–334, 307–311, 315; 541,735	Ages

9 6	TOTAL SECURITION	
U.B. PATENT DUCUMENTS		
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		Mad # 6 25721
2,450,848	41.755	BRIDE WARRENCE METER

With Absentage 1974	M D. CREATOR OF STREET, SALE SALE
(F7)	ABSTRACT
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